



**CITY OF HAYWARD**  
**OFFICE OF THE CITY MANAGER**

December 5, 2003

**TO:** Route 238 Working Group

**FROM:** City Manager

**SUBJECT:** Response to Questions

This is in response to questions by working group members at the meeting of November 19, 2003.

Sherman Lewis requested link types for each of the segments. See attached charts of link types along the route (cross streets are typically type 12) by segment. Planning Area 2 model documentation provided at the October 22 meeting provides definitions for each link type and corresponding capacities.

Bob Billmire questioned the walking speed of pedestrian travel. Signals are timed for a walking speed of 1.2 meters per second, or approximately four feet per second. See attached excerpt from the Caltrans Traffic Manual.

Both Sherman Lewis and Audrey LaPell requested the year 2025 traffic volumes for both the westbound 580 to southbound Foothill flyover and the northbound Foothill Boulevard - freeway on ramps. Caltrans only has year 2000 ADT's for the existing ramps, but not peak hour volumes. Attached please find this available, existing information and 2025 demand model data for the flyover and these existing ramps.

Bob Billmire asked if the side streets were bleeding off traffic from the corridor at the Foothill/Jackson/Mission intersection. Attached please find a diagram with the various 2025 predicted turning movements for this intersection under the with-project (furness adjusted) model scenario. Of course, with the grade separation, some of these turning movements become through movements.

Attachments: Link-types by segment  
Traffic Manual excerpt  
Foothill Freeway Ramp Volumes  
Foothill/Mission/Jackson Volumes

## Foothill - Freeway Ramp Volumes

Scenario	Ramp @ Foothill	580 WB Ramp	I-238 NB & 580 EB Ramp	I-238 NB Ramp	580 EB Ramp	Flyover: WB 580 - SB Foothill
Caltrans year 2000 Average Daily Traffic (ADT)	24,400 ADT	14,000 ADT	10,400 ADT			
AM w/Project 2025	3,176 vph	2,532 vph	644 vph	268 vph	376 vph	
PM w/Project 2025	3,246 vph	2,079 vph	1,167 vph	524 vph	644 vph	
AM (only) w/Flyover & Project 2025	3,221 vph	2,526 vph	569 vph	173 vph	396 vph	1,510 vph

ADT - Average Daily Traffic  
vph - Vehicles per hour